

Title (en)  
Seat reclining device

Title (de)  
Neigungsverstellvorrichtung für einen Sitz

Title (fr)  
Dispositif d'inclinaison de siège

Publication  
**EP 1279553 B1 20070905 (EN)**

Application  
**EP 02016013 A 20020718**

Priority  
JP 2001219310 A 20010719

Abstract (en)  
[origin: EP1279553A2] The seat reclining device is structured that a first circular shaped concave portion is formed in the first arm and a second concave portion which is concentric with the first concave portion is formed in an inner surface of the first concave portion respectively. The engaged portion is disposed by dividing into two engaged portions in which a first engaged portion is formed on an inner surface of the first concave portion and a second engaged portion is formed on an inner surface of the second concave portion. On the other hand, the engaging portion is divided into two engaging portions, in which a first engaging portion is engaged with the first engaged portion and a second engaging portion is engaged with the second engaged portion. All the engaging and engaged portion have gears which has the same angular piths each other. <IMAGE>

IPC 8 full level  
**B60N 2/22** (2006.01); **B60N 2/235** (2006.01); **A47C 1/026** (2006.01)

CPC (source: EP US)  
**B60N 2/236** (2015.04 - EP US)

Cited by  
FR2869847A1; FR2928881A1; GB2430616A; FR2873634A1; US7967385B2; WO2006010406A3; WO2009037184A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1279553 A2 20030129; EP 1279553 A3 20040107; EP 1279553 B1 20070905**; CA 2393627 A1 20030119; CN 100590001 C 20100217; CN 1406788 A 20030402; DE 60222212 D1 20071018; DE 60222212 T2 20080612; JP 2003024165 A 20030128; JP 4834932 B2 20111214; US 2003025376 A1 20030206; US 6669296 B2 20031230

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